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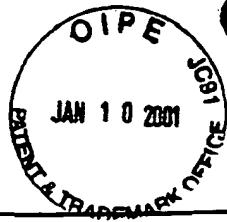
Atty. Docket No. 07451.0022-00000		Serial No. 09/617,148				
Applicant Umesh Maheshwari, et al.						
Filing Date July 17, 2000		Group: 2766				
U.S. PATENT DOCUMENTS						
Examiner Initial*	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
GL	4,309,569	01/05/82	Merkle	—	—	2100 MAIL ROOM
GN	4,827,508	05/02/89	Shear	—	—	JAN 11 2001 REC'D
GN	4,977,594	12/11/90	Shear	—	—	RECEIVED
GN	5,010,571	04/23/91	Katznelson	—	—	1001 MAIL ROOM
GN	5,050,213	09/17/91	Shear	—	—	RECEIVED
FOREIGN PATENT DOCUMENTS						
	Document Number	Date	Country	Class	Sub Class	Translation Yes or No
GL	WO 96/27155	09/06/96	PCT	—	—	
GL	WO 97/43761	11/20/97	PCT	—	—	
GL	WO 98/09209	03/05/98	PCT	—	—	
GL	WO 99/01815	01/14/99	PCT	—	—	
GL	AU-A-36815/97	04/09/97	Australia	—	—	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
GN	Paul Ammann, et al., <u>Surviving Information Warfare Attacks On Databases</u> , Proc. 1997, IEEE Symp. on Security and Privacy, May 4-7, 1997, pages 164-174.					
GL	Mihir Bellare, et al., <u>Forward Integrity for Secure Audit Logs</u> , Technical Report, Computer Science and Engineering Department, University of California at San Diego, 1997, pages 1-16.					
GN	Trevor Blackwell, et al., <u>Heuristic Cleaning Algorithms in Log-Structured File Systems</u> , Proc. of the 1995 USENIX Technical Conference, Jan. 16-20, 1995, pages 277-288.					
Examiner	Grauer Lee		Date Considered		1/19/2004	
*Examiner:	Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					
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Atty. Docket No. 07451.0022-00000		Serial No. 09/617,148					1C 2100 JAN 1 2001 RECEIVED MAIL ROOM
Applicant	Umesh Maheshwari, et al.						
Filing Date	July 17, 2000			Group: 2766			
U.S. PATENT DOCUMENTS							
Examiner Initial*	Document Number	Date	Name	Class	Sub Class	Filing Date Appropriate	
GR	5,136,648	08/04/92	Olson, et al.				
GR	5,247,575	09/21/93	Sprague, et al.				
GR	5,319,705	06/07/94	Halter, et al.				
GR	5,394,469	02/28/95	Nagel, et al.				
GR	5,410,598	04/25/95	Shear				
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Sub Class	Translation Yes or No	
GR	AU-A-36840/97	04/09/97	Australia				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
GR	Matt Blaze, <u>A Cryptographic File System for Unix</u> , First ACM Conference on Communications and Computing Security, Nov. 3-5, 1993, 8 pages.						
GR	Manuel Blum, et al., <u>Checking the Correctness of Memories</u> , Proc. IEEE Conf. on Foundations of Computer Science, 1991, pages 90-99.						
GR	Miguel Castro, et al., <u>Practical Byzantine Fault Tolerance</u> , Third Symposium on Operating Systems Design and Implementation, 1999, pages 173-186.						
GR	Frederick B. Cohen, <u>Operating System Protection Through Program Evolution</u> , Computers & Security, 12(6), Elsevier Science Publishers, Ltd., 1993, pages 565-584.						
GR	Kevin Fu, et al., <u>Fast and Secure Distributed Read-Only File System</u> , Proc. Symposium on Operating System Design and Implementation, 13(16), Aug. 30, 2000, pages 1-16.						
GR	Juan A. Garay, et al., <u>Secure Distributed Storage and Retrieval</u> , 11th Intl. Workshop on Distributed Algorithms, 1997, pages 275-289.						
GR	Norman C. Hutchinson, et al., <u>Logical vs. Physical File System Backup</u> , Proc. of the 3 rd Symp. on Operating System Design and Implementation, Feb., 1999, 12 pages.						
Examiner	Grace Lee		Date Considered		4/9/2004		
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U.S. PATENT DOCUMENTS						
Examiner Initial ^a	Document Number	Date	Name	Class	Sub Class	TC 2100 Filing Date If Appropriate
GL	5,713,018	01/27/98	Chan	1	—	RECEIVED MAIL ROOM 2001
GR	5,794,252	08/11/98	Bailey, et al.	—	—	RECEIVED MAIL ROOM 2001
GR	5,826,268	10/20/98	Schaefer, et al.	—	—	RECEIVED MAIL ROOM 2001
GR	5,892,900	04/06/99	Ginter, et al.	—	—	RECEIVED MAIL ROOM 2001
GL	5,910,987	06/08/99	Ginter, et al.	—	—	RECEIVED MAIL ROOM 2001
GR	6,016,490	01/18/00	Watanabe, et al.	—	—	RECEIVED MAIL ROOM 2001
GR	6,044,370	03/28/00	Anfindsen	—	—	RECEIVED MAIL ROOM 2001
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	Document Number	Date	Country	Class	Sub Class	Translation Yes or No
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GR	Oliver Kommerling, et al., <u>Design Principles for Tamper-Resistant Smartcard Processors</u> , Proc. of the USENIX Workshop on Smartcard Technology, May 10-11, 1999, pages 9-20.					
GR	Hugo Krawczyk, <u>Distributed Fingerprints and Secure Information Dispersal</u> , Proc. of the Twelfth Annual ACM Symp. on Principles of Distributed Computing, Aug. 15-18, 1993, pages 207-218.					
GR	Per-Ake Larson, <u>Dynamic Hash Tables</u> , Communications of the ACM, Vol. 31, No. 4, April, 1988, pages 446-457.					
GR	David B. Lomet, <u>The Case for Log Structuring in Database Systems</u> , Proceedings of the 6 th Int'l Workshop on High Performance Transaction Systems, 1995, pages 1-5.					
GR	Ralph C. Merkle, <u>Protocols for Public Key Cryptosystems</u> , Proc. of the 1980 Symposium on Security and Privacy, IEEE, Catalog No. 80, 1980, pages 122-134.					
Examiner	Givass Lee		Date Considered 4/7/2001			
*Examiner:	Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					
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Examiner Initial*		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
							TC 2100 MAILROOM
							JAN REC'D
							2004
FOREIGN PATENT DOCUMENTS							
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>GL</i>	Niels Provos, <u>Encrypting Virtual Memory</u> , Proc. of the 9 th USENIX Security Symposium, Aug. 14-17, 2000, 10 pages.						
<i>GL</i>	Michael O. Rabin, <u>Efficient Dispersal of Information for Security, Load Balancing, and Fault Tolerance</u> , Journal of the ACM, Vol. 36, No. 2, April, 1989, pages 335-348.						
<i>GL</i>	Mendel Rosenblum, et al., <u>The Design and Implementation of a Log-Structured File System</u> , Proc. of the 13 th ACM Symposium on Operating Systems Principles, 1991, pages 1-15.						
<i>GL</i>	Mendel Rosenblum, et al. <u>The Design and Implementation of a Log-Structured File System</u> , ACM Transactions on Computer Systems, Vol. 10, No. 1, Feb., 1992, pages 26-52.						
<i>GL</i>	Bruce Schneier, et al., <u>Cryptographic Support for Secure Logs on Untrusted Machines</u> , Proc. of the 7 th USENIX Security Symposium, Jan. 26-29, 1998, 11 pages.						
<i>GL</i>	Bruce Schneier, <u>Applied Cryptography</u> , Second Edition, John Wiley & Sons, 1996, pages. 233-482.						
<i>GL</i>	Margo Seltzer, et al., <u>An Implementation of a Log-Structured File System for Unix</u> , Proceedings of the 1993 Winter USENIX Conference, Jan. 25-29, 1993, pages 307-326.						
<i>GL</i>	Sean W. Smith, et al., <u>Using a High-Performance, Programmable Secure Coprocessor</u> , Second Intl. Conf. on Financial Cryptography, Feb. 23-25, 1998, pages 73-89.						
<i>GL</i>	Tatu Ylonen, <u>Shadow Paging is Feasible</u> , Licentiate's Thesis, Helsinki University of Technology, April 27, 1994, pages 1-149.						
Examiner	<i>Grail Lee</i>			Date Considered <i>1/21/2004</i>			
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Examiner Initial*	Document Number	Date	Name	Class	Sub Class	Filing Date if Appropriate
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						FEB - 6 2001
						Technology Center 2100
FOREIGN PATENT DOCUMENTS						
	Document Number	Date	Country	Class	Sub Class	Translation Yes or No
Gl	EP 0 715 246 A1	06/05/96	EP			
Gn	WO 99/14652	03/25/99	PCT			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
Examiner	Grace Lee		Date Considered		1/17/2004	
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OMB No. 0651-0011

INFORMATION DISCLOSURE CITATION

Atty. Docket No.: 07451.0022-00000	Serial No.: 09/617,148
Applicants: Umesh Maheshwari, et al.	
Filing Date: July 17, 2000	Group: 2766

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
	5,920,861	07/06/99	Hall, et al.			
	5,940,504	08/17/99	Griswold			RECEIVED APR 15 2002
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BB	5,999,949	12/07/99	Crandall			
BB	6,112,181	08/29/00	Shear, et al.			Technology Center 2100
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	6,185,683	02/06/01	Ginter, et al.			
	US2001/0042043A1	11/15/01	Shear, et al.			

Examiner Initial*	Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
BB	AU-A-36840/97	02/19/98	Australia			
BB	WO 98/10381	03/12/98	PCT			
BB	WO 99/48296	09/23/99	PCT			

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	M.P. Atkinson, et al., "The Computer Journal", The Computer Society, Vol. 26, No. 4, November 1983, 6 pages.
	David Aucsmith, "Tamper Resistant Software: An Implementation", First International Workshop, Cambridge, United Kingdom, May 30-June 1, 1996, pages 317-333.
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Atty. Docket No.: 07-22-00000	Serial No.: 09/617,148	RECEIVED
Applicants:	Umesh Maheshwari, et al.	
Filing Date:	July 17, 2000	Group: 2766 Technology Center 2100 APR 15 2002

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Applicants: Umesh Maheshwari, et al.		APR 15 2002
Filing Date: July 17, 2000	Group: 2766	Technology Center 2100

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<i>DP</i>	Michael Stonebraker, "The Design of the Postgres Storage System", Navy Electronics Systems Commander, EECS Department, University of California, Berkeley, California, pages 1-18.
<i>DP</i>	"Cryptographic Security and Key Management Systems - the nFast/KM Solution", nCipher Corp. Limited, January 1998, http://www.ncipher.com/products/rscs/downloads/whitepapers/key.pdf
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Examiner <i>Sukhdev</i>	Date Considered <i>5/20/04</i>
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